IN THE CLAIMS:

Claims 1 through 12 and 20 are presented in re-written clean format as follows:

1. (Amended) A controller for a vehicular system, the controller comprising:

a torque-assist function responsive to a signal indicative of an input device torque for providing a torque-assist command to a motor; and

a steering-pull compensator responsive to a signal indicative of a valid detection cycle for modifying said torque-assist command to the motor by an offset corresponding to a detected steering-pull condition.

2. (Amended) A controller as defined in Claim 1, further comprising:

at least one summing function in signal communication with said torque-assist function and with said steering-pull compensator for summing the provided torque-assist command with the offset corresponding to a detected input device pull condition.

3. (Amended) A controller as defined in Claim 1, said steering-pull compensator comprising:

a filter responsive to the signal indicative of input device torque.

4. (Amended) A controller as defined in Claim 1, said steering-pull compensator comprising:

a condition processing block for determining if the vehicle is being driven in a substantially straight path.

5. (Amended) A controller as defined in Claim 1, said steering-pull compensator comprising:

an enable block for validating the detected steering-pull condition.

6. (Amended) A controller as defined in Claim 5, said steering-pull compensator comprising:

an enabling switch for receiving a binary control signal from said enable block.

7. (Amended) A controller as defined in Claim 1, said steering-pull compensator comprising:

a function block for preventing an offset correction corresponding to a detected steering-pull condition from exceeding a desired value.

8. (Amended) A controller as defined in Claim 6, said steering-pull compensator further comprising:

a delay unit for delaying the offset correction until the enabling switch transitions off-to-on.

9. (Amended) A controller as defined in Claim 8, said steering-pull compensator further comprising:

a summing function for adding the delayed offset correction to a previous offset value.

10. (Amended) A controller as defined in Claim 1, said steering-pull compensator comprising:

a memory switch for receiving its own output signal at its primary input terminal.

11. (Amended) A controller as defined in Claim 2, said steering-pull compensator comprising:

a function block for providing a signal to a non-inverting input of the summing function.

12. (Amended) A method for controlling a vehicular system, the method comprising:

receiving a signal indicative of a torque applied to an input device;

providing a torque-assist command to a motor in response to the received torque signal;

detecting an enabling signal;

quantifying a steering-pull condition in response to the received and detected signals; and

modifying the torque-assist command to the motor by an offset corresponding to the quantified steering-pull condition.

20. (Amended) A controller for a vehicular system, the controller comprising:

means for receiving a signal indicative of an input device torque;

means for providing a torque-assist command to a motor responsive to said receiving means;

means for detecting an enabling signal; and

means for modifying said torque-assist command to the motor by an offset corresponding to a detected input device pull condition responsive to said detecting means.

Please add new claims 23 through 34 as follows:

23. (New) A vehicular system comprising:

an input device;

a controller in signal communication with said input device;

a motor in signal communication with said controller;

said controller comprising:

a torque-assist function responsive to a signal indicative of an input device torque for providing a torque-assist command to said motor; and

a steering-pull compensator responsive to a signal indicative of a valid detection cycle for modifying said torque-assist command to said motor by an offset corresponding to a detected steering-pull condition.

24. (New) A vehicular system as defined in Claim 23, said controller further comprising:

at least one summing function in signal communication with said torque-assist function and with said steering-pull compensator for summing the provided torque-assist command with the offset corresponding to a detected input device pull condition.

25. (New) A vehicular system as defined in 23, said steering-pull compensator comprising:

a filter responsive to the signal indicative of input device torque.

26. (New) A vehicular system as defined in Claim 23, said steering-pull compensator comprising:

a condition processing block for determining if the vehicle is being driven in a substantially straight path.

27. (New) A vehicular system as defined in Claim 23, said steering-pull compensator comprising:

an enable block for validating the detected steering-pull condition.

28. (New) A vehicular system as defined in Claim 27, said steering-pull compensator comprising:

an enabling switch for receiving a binary control signal from said enable block.

29. (New) A vehicular system as defined in Claim 23, said steering-pull compensator comprising:

a function block for preventing an offset correction corresponding to a detected steering-pull condition from exceeding a desired value.

30. (New) A vehicular system as defined in Claim 28, said steering-pull compensator further comprising:

a delay unit for delaying the offset correction until the enabling switch transitions off-to-on.

31. (New) A vehicular system as defined in Claim 30, said steering-pull compensator further comprising:

a summing function for adding the delayed offset correction to a previous offset value.

32. (New) A vehicular system as defined in Claim 23, said steering-pull compensator comprising:

a memory switch for receiving its own output signal at its primary input terminal.

33. (New) A vehicular system as defined in Claim 24, said steering-pull compensator comprising:

a function block for providing a signal to a non-inverting input of the summing function.

34. (New) A vehicular system as defined in Claim 23 wherein said motor is electric.